



470671

Spill Work Sheet

Date 10/5Receivers Initials CAJInitial Contact

1. Who called? John Fecteau Time 1:00
1a. Position/ Title Safety Control Administrator

Generator Information

2. Name of Generator Shambaugh & Sons

2a. Address P.O. Box 1287
Ft. Wayne IN 46801

2b. Contact Kevin Beach 2c. Telephone 487-7810 (219)

Contractor Information

3. Who was the Contractor? Johnson Controls
3a. Address 1302 E. Monroe
Goshen, IN

3b. Contact John Fecteau 3c. Telephone 219-533-2111
EXT 515

Spill Information

4. What was the spilled product? Trichloroethylene

4a. Volume/Gallons 250 gallons

5. When did spill occur? 9/18/87 8:30 AM

6. Where did spill occur? JOHNSON CONTROLS

6a. What county? Elkhart Co

7. What are the properties of the spilled product? virgin trichl

Emergency Response called? YES
Who? Capital Myers

7a Testing necessary? YES

7b. If so what? - Organics -

8. Circumstances of spill Shambaugh & Sons was putting
in 2 tanks into cement dyes. One of the tanks that
was put in was too small. They started filling up
w/ trichloroethylene when noticed tank size. They opened a valve
and drained chemical into ground while changing tanks

9. How was the spill contained? Johnson Controls scooped
up a lot of dirt. PCS took over from there.

10. Who will clean up the spill? Pollution Control Systems

Disposal Information

11. Name of Waste trichloroethylene contaminated soil

12. Volume ~ 15 yd³

13. Landfill ADAM CENTER

14. Verbal Approval Given: yes/no? yes Date _____ Time _____

14a. Landfill Contact _____ Telephone _____

15. Supervisor's Initials _____ Date _____

16. Comments Rosemary Cantwell took original spill.
I called him back to confirm info. He is
sending me a copy of the report.

Receivers's Signature Cassandra Ashley-Jordan

REC RFD 10/8/87

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, IN 46526
Tel. 219/533-2111

OCT 13 2 47 PM '87

OFFICE OF THE
ATTORNEY GENERAL
WASHINGTON, D.C.

October 2, 1987

JOHNSON
CONTROLS
Control Products
Division

Indiana Dept. of Environmental Mgt.
Emergency Response Department
5500 W. Bradbury Avenue
Indianapolis, IN 46241

Attn: Crystal Myers

Dear Crystal:

The Emergency Response Operating Record for the accidental release of trichlorethylene on Johnson Controls property by Shambaugh and Sons (contractors) is enclosed.

JOHNSON CONTROLS

John G. Fecteau

John G. Fecteau
Safety & Environmental Control Administrator

cc: K. Beach - Shambaugh & Son, Inc.
C. Ostman - PCS, Inc.
R. Cantwell - IDEM
S. Jordan - IDEM

since 1885

Right for the Times

EMERGENCY RESPONSE OPERATING RECORD
(40 CFR 265.56)

This record is to be filled out by Primary Emergency Coordinator or his designee.

REPORTED BY: WAYNE MILLER

- A. Date of Incident: 9/18/87
- B. Time of Incident: 8:30 A.M.
- C. Type of Incident: (circle one) Fire Spill, Explosion.
- D. Hazardous Material(s) involved:

<u>Name</u>	<u>Quantity (lbs, gal)</u>
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TRICHLOROETHYLENE

50 gallons

- E. Extent of injuries (if any).

NONE

- F. Assessment of actual or potential hazards to human health or environment. (To be filled in by Safety Manager).

NONE

- G. Estimated quantity and disposition of recovered material that resulted from incident. (To be filled in by Hazardous material Engineer).

SIX YDS. CONTAMINATED SOIL W/TRICHLOROETHYLENE

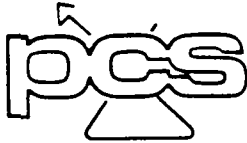
- H. Notification of Regional Administrator, State and Local Authorities that the Facility is in compliance with 40 CFR 265.56 (h), (1), (2) before operations are resumed in affected area(s) of Facility. (Hazardous Material Engineer).

NO NEED TO NOTIFY SINCE THERE ARE NO POTENTIAL HEALTH OR ENVIRONMENTAL PROBLEMS.

Emergency Coordinator

Hazardous material Engineer

John D. Friction
Safety Manager



POLLUTION CONTROL SYSTEMS INCORPORATED

STATE ROAD THREE AT COUNTY ROAD 550 SOUTH
LAOTTO, INDIANA 46763 TELEPHONE: (219) 637-3137

September 29, 1987

Field Report for Soil Sampling and Site Inspection

Date of site response - 9-18-87

Location - Johnson Controls, Goshen, Indiana

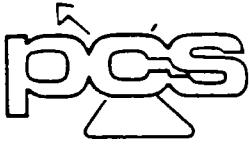
Response situation - The response was prompted by the release of a small quantity of trichloroethylene solvent to the soil.

Sampling Methodology - The area of the release was excavated to a depth of approximately one foot prior to this firm's response to the site. The area was sampled using a steel trier type soil sampler and a stainless steel bucket type auger. Surface samples were collected using a laboratory steel spatula.

The area was approximately a 16 foot square area and samples were collected in the center of the excavation. One sample was collected at the surface and at a depth of zero to one foot. Samples were placed into volatile organic ampule sample containers and transported to the lab for transfer to another laboratory for analysis. Analysis was performed for volatile organic priority pollutants with an emphasis on identification of the presence of trichloroethylene.

Sampling equipment was cleaned prior to sampling and between each sample collection with detergent and water and triple rinsed with deionized water.

Sampling results - The surface sample identified 1-1-2 trichloroethylene at a concentration of 1.0 mg/kg (ppm) with some minor concentrations of other organic compounds detected. The 0.0 to 1.0 foot sample detected a concentration of 1.5 mg/kg of 1-1-2 trichloroethylene with minor concentrations of other organic compounds detected. Duplicate analysis was performed on the deeper sample for quality control purposes. The duplicate analysis detected a concentration of 1.4 mg/kg of 1-1-2 trichloroethylene.



POLLUTION CONTROL SYSTEMS INCORPORATED

STATE ROAD THREE AT COUNTY ROAD 550 SOUTH
LAOTTO, INDIANA 46763 TELEPHONE: (219) 637-3137

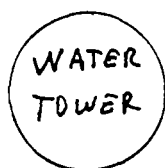
Recommendations - Further field testing for organic compounds should be performed to define the depth and lateral extent of the contamination. Additional excavation may be required. Additional efforts should be coordinated through the Indiana Department of Environmental Management (IDEM). A quantity of 5 to 7 cubic yards of soil was excavated and placed in storage. Arrangements should be made for disposal of this material.

Field testing can identify the extent of the contamination so as to limit the quantity of soil to be excavated for disposal. Preliminary indications from the IDEM are that the soil will require disposal as a hazardous waste.

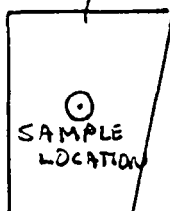
Field testing would be performed on site using an organic vapor analyzer. Further results and recommendations would be presented at that time.

SEP87/CRO/SHAMJC

JOHNSON
CONTROL
FACILITY



SPILL
AREA



DRIVE
AREA

FIELD DRAWING
JOHNSON CONTROLS
GOSHEN, INDIANA
P.C.S. INCORPORATED

DRAWN BY:
C.R.

DATE: 9/18/87

Johnson Controls, Inc.
1302 East Monroe Street
Goshen, IN 46526
Tel. 219/533-2111

OCT 8 9 19 AM '87

OFFICE OF SOLID
AND HAZARDOUS
WASTE
DEM.
October 2, 1987

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Control Products
Division

Indiana Dept. of Environmental Mgt.
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Emergency Coordinator

Hazardous material Engineer

John D. Friction
Safety Manager